YX050-PCS-CEL Antenna Installation Instructions

The directions below will assist you in the installation of the YX050-PCS-CEL ceiling mount omni-directional indoor antenna. The antenna provides enhanced performance for the zBoost cell phone signal booster and is compatible with YX500 Series and YX600 ProPack Series.

Mounting the Base Unit and Directional Antenna

The YX050-PCS-CEL antenna provides enhanced signal strength in all directions (omni-directional) from the antenna. The antenna should be located near the center of the area where improved signal strength is desired. The antenna may be connected directly to the Base Unit or located near the Base unit using the supplied 10' RG-8x extension coax.

Note: Unplug the Base Unit until all cables are connected. Plug-in the Base Unit and verify that the Power light stays green and no red indicators light; otherwise, you may have to move the antenna to another location in the room. See the Troubleshooting section of the zBoost YX500 or YX 600 Series Installation Guide or www.Wi-Ex.com for more information.

Ceiling Mounting the Base Unit Antenna

Once you have determined the desired location for the antenna, mount the antenna using the included hardware:

1) Drill a ¾" diameter (19 mm) hole in the ceiling where the antenna is to be mounted.
2) Route the RF cable and threaded mount of the antenna through the hole from the room side as shown in Figure 1.
3) Attach the plastic nut over the threaded section extending through the ceiling and hand tighten the nut. *Excessive force can damage the threaded mount of the antenna.*
4) Connect the RF cable on the antenna either directly to the Base Unit or the 10' extension coax to the Base Unit.

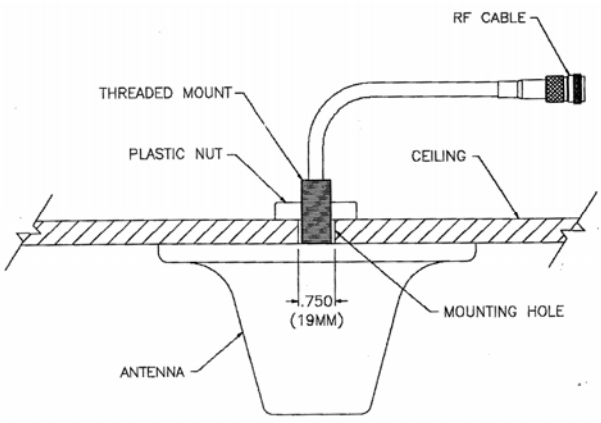

Figure 1. Mounting diagram